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 Waldron, R.A.;
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 Volume 18, Issue 4, Oct 1971 Page(s):219 - 230
[AbstractPlus](#) | Full Text: [PDF](#)(1232 KB) IEEE JNL
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- ☐ 2. **Analysis and Behavior of Microsound Surface Waveguides**
 Aalami, B.;
[Sonics and Ultrasonics, IEEE Transactions on](#)
 Volume 20, Issue 3, Jul 1973 Page(s):252 - 259
[AbstractPlus](#) | Full Text: [PDF](#)(920 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 3. **Thin Film Slot Waveguides of Arbitrary Cross Section**
 Coldren, L.A.; Smithgall, D.H.;
[Sonics and Ultrasonics, IEEE Transactions on](#)
 Volume 22, Issue 2, Mar 1975 Page(s):123 - 130
[AbstractPlus](#) | Full Text: [PDF](#)(776 KB) IEEE JNL
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[Microwave Theory and Techniques, IEEE Transactions on](#)
 Volume 28, Issue 6, Part 2, Jun 1981 Page(s):80 - 207
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- ☐ 5. **Author Index, Jun. 1981**
[Microwave Theory and Techniques, IEEE Transactions on](#)
 Volume 28, Issue 6, Part 2, Jun 1981 Page(s):12 - 79
[AbstractPlus](#) | Full Text: [PDF](#)(17432 KB) IEEE JNL
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- ☐ 6. **Subject Index (Sep. 1983 Transactions)**
[Microwave Theory and Techniques, IEEE Transactions on](#)
 Volume 31, Issue 9, Part 2, Sep 1983 Page(s):58 - 138
[AbstractPlus](#) | Full Text: [PDF](#)(17704 KB) IEEE JNL

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- ☐ 7. **Author Index (Sep. 1983 Transactions)**
Microwave Theory and Techniques, IEEE Transactions on
Volume 83, Issue 9, Part 2, Sep 1983 Page(s):17 - 57
AbstractPlus | Full Text: PDF(9504 KB) IEEE JNL
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- ☐ 8. **Subject Index, Nov. 1980, Part II**
Microwave Theory and Techniques, IEEE Transactions on
Volume 28, Issue 11, Nov 1980 Page(s):1298 - 1399
AbstractPlus | Full Text: PDF(24512 KB) IEEE JNL
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- ☐ 9. **Author Index, Nov. 1980, Part II**
Microwave Theory and Techniques, IEEE Transactions on
Volume 28, Issue 11, Nov 1980 Page(s):1243 - 1298
AbstractPlus | Full Text: PDF(14384 KB) IEEE JNL
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- ☐ 10. **Acoustic Surface Waveguides and Comparisons with Optical Waveguides**
Oliner, A.A.;
Microwave Theory and Techniques, IEEE Transactions on
Volume 24, Issue 12, Dec 1976 Page(s):914 - 920
AbstractPlus | Full Text: PDF(864 KB) IEEE JNL
Rights and Permissions

- ☐ 11. **Microsound Components, Circuits, and Applications**
Stem, E.;
Microwave Theory and Techniques, IEEE Transactions on
Volume 17, Issue 11, Nov 1969 Page(s):835 - 844
AbstractPlus | Full Text: PDF(1320 KB) IEEE JNL
Rights and Permissions

- ☐ 12. **Integrated acoustooptic circuits and applications**
Tsai, C.S.;
Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on
Volume 39, Issue 5, Sept. 1992 Page(s):529 - 554
Digital Object Identifier 10.1109/58.156172
AbstractPlus | Full Text: PDF(2588 KB) IEEE JNL
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- ☐ 13. **Polarization independent, integrated optical, acoustically tunable wavelength filters/switches**
acoustical directional coupler
Hermann, H.; Schafer, K.; Sohler, W.;
Photonics Technology Letters, IEEE
Volume 6, Issue 11, Nov. 1994 Page(s):1335 - 1337
Digital Object Identifier 10.1109/68.334831
AbstractPlus | Full Text: PDF(332 KB) IEEE JNL
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- ☐ 14. **Mode coupling in coaxial waveguides with varying-radius center and outer conductors**
Shafii, J.; Vernon, R.J.;
Microwave Theory and Techniques, IEEE Transactions on
Volume 43, Issue 3, March 1995 Page(s):582 - 591
Digital Object Identifier 10.1109/22.372104
AbstractPlus | Full Text: PDF(720 KB) IEEE JNL
Rights and Permissions

- ☐ 15. Acoustic wave propagation along cladded fibers of trigonal crystal symmetry
Dai, J.D.; Jen, C.K.;
[Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on](#)
Volume 42, Issue 2, March 1995 Page(s):174 - 181
Digital Object Identifier 10.1109/58.365231
[AbstractPlus](#) | Full Text: [PDF\(656 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 16. Acoustic wave propagation along cladded fibers of cubic crystal symmetry
Dai, J.D.; Jen, C.K.;
[Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on](#)
Volume 42, Issue 5, Sept. 1995 Page(s):943 - 948
Digital Object Identifier 10.1109/58.464823
[AbstractPlus](#) | Full Text: [PDF\(488 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 17. Measurements of density and viscosity of one- and two-phase fluids with torsional waveguide
Shepard, C.L.; Burghard, B.J.; Friesel, M.A.; Hildebrand, B.P.; Xang Moua; Diaz, A.A.; Enderlin, C.
[Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on](#)
Volume 46, Issue 3, May 1999 Page(s):536 - 548
Digital Object Identifier 10.1109/58.764840
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(1316 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 18. Reduced-order optimized mode-matching CAD of microwave waveguide components
Peverini, O.A.; Tascone, R.; Baralis, M.; Virone, G.; Trincherio, D.; Orta, R.;
[Microwave Theory and Techniques, IEEE Transactions on](#)
Volume 52, Issue 1, Part 2, Jan. 2004 Page(s):311 - 318
Digital Object Identifier 10.1109/TMTT.2003.820893
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(400 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 19. Spectral characteristics of coupled-waveguide Bragg-reflection tunable optical filter
Weber, J.-P.;
[Optoelectronics \[see also IEEE Proceedings-Optoelectronics\], IEEE Proceedings J](#)
Volume 140, Issue 5, Oct. 1993 Page(s):275 - 284
[AbstractPlus](#) | Full Text: [PDF\(632 KB\)](#) IEEE JNL
- ☐ 20. A High-Q Mechanical Resonator for Remote Mechanical Excitation
Tehon, S.W.; Clark, R.F.; Mayer, C.;
[Ultrasonics Symposium, IEEE 1986](#)
1986 Page(s):577 - 580
[AbstractPlus](#) | Full Text: [PDF\(296 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 21. Analysis and Design of Acoustic Fiber Coupler
Safaai-Jazi, A.;
[Ultrasonics Symposium, IEEE 1987](#)
1987 Page(s):433 - 438
[AbstractPlus](#) | Full Text: [PDF\(344 KB\)](#) IEEE CNF
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- ☐ 1. Film-loaded SAW waveguides for integrated acousto-optical polarization converters
Peverini, O.A.; Hermann, H.; Orta, R.;
[Ultrasonics, Ferroelectrics and Frequency Control. IEEE Transactions on](#)
Volume 51, Issue 10, Oct. 2004 Page(s):1298 - 1307
Digital Object Identifier 10.1109/TUFFC.2004.1350958
[AbstractPlus](#) | Full Text: [PDF](#)(998 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 2. Theoretical analysis of micro-machined ultrasonic transducer using a simple 1-D model
Ballandras, S.J.; Wilm, M.; Gelly, J.-F.;
[Ultrasonics, Ferroelectrics and Frequency Control. IEEE Transactions on](#)
Volume 53, Issue 1, Jan. 2006 Page(s):209 - 223
Digital Object Identifier 10.1109/TUFFC.2006.1588407
[AbstractPlus](#) | Full Text: [PDF](#)(5031 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 3. Review of finite element methods for microwave and optical waveguides
Rahman, B.M.A.; Fernandez, F.A.; Davies, J.B.;
[Proceedings of the IEEE](#)
Volume 79, Issue 10, Oct. 1991 Page(s):1442 - 1448
Digital Object Identifier 10.1109/5.104219
[AbstractPlus](#) | Full Text: [PDF](#)(764 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 4. Discussion of Capabilities of Microwave Phased Arrays for Hyperthermia Treatment of Neck
Jouvie, F.; Bolomey, J.-C.; Gaboriaud, G.;
[Microwave Theory and Techniques. IEEE Transactions on](#)
Volume 34, Issue 5, May 1986 Page(s):495 - 501
[AbstractPlus](#) | Full Text: [PDF](#)(896 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 5. Design of Surface Wave Delay Lines with Interdigital Transducers
Smith, W.R.; Gerard, H.M.; Collins, J.H.; Reeder, T.M.; Shaw, H.J.;
[Microwave Theory and Techniques. IEEE Transactions on](#)
Volume 17, Issue 11, Nov 1969 Page(s):865 - 873
[AbstractPlus](#) | Full Text: [PDF](#)(1008 KB) IEEE JNL
[Rights and Permissions](#)

- ☐ 6. **Microwave Network Methods for Guided Elastic Waves**
Oliner, A.A.;
[Microwave Theory and Techniques, IEEE Transactions on](#)
Volume 17, Issue 11, Nov 1969 Page(s):812 - 826
[AbstractPlus](#) | Full Text: [PDF\(1464 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 7. **Design of tunable composite spectrums using all-fiber acoustooptical filters subject to strain**
Hao Li; Ying Zhang; Wen, C.; Yeng Chai Soh;
[Lightwave Technology, Journal of](#)
Volume 24, Issue 4, April 2006 Page(s):1855 - 1864
Digital Object Identifier 10.1109/JLT.2006.870979
[AbstractPlus](#) | Full Text: [PDF\(336 KB\)](#) IEEE JNL
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- ☐ 8. **Analysis of the frequency response of SAW filters using finite-difference time-domain method**
King-Yuen Wong; Wai-Yip Tam;
[Microwave Theory and Techniques, IEEE Transactions on](#)
Volume 53, Issue 11, Nov. 2005 Page(s):3364 - 3370
Digital Object Identifier 10.1109/TMTT.2005.858385
[AbstractPlus](#) | Full Text: [PDF\(768 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 9. **Progressing and oscillatory waves for hybrid synthesis of source excited propagation and diffraction**
Felsen, L.;
[Antennas and Propagation, IEEE Transactions on \(legacy, pre - 1988\)](#)
Volume 32, Issue 8, Aug 1984 Page(s):775 - 796
[AbstractPlus](#) | Full Text: [PDF\(2280 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 10. **A New Leaky Waveguide for Millimeter Waves Using Nonradiative Dielectric (NRD) Waveguide**
Comparison with Experiments
Han Qing; Oliner, A.A.; Sanchez, A.;
[Microwave Theory and Techniques, IEEE Transactions on](#)
Volume 35, Issue 8, Aug 1987 Page(s):748 - 752
[AbstractPlus](#) | Full Text: [PDF\(552 KB\)](#) IEEE JNL
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- ☐ 11. **Analysis and Design of Dispersive Interdigital Surface-Wave Transducers**
Smith, W.R.; Gerard, H.M.; Jones, W.R.;
[Microwave Theory and Techniques, IEEE Transactions on](#)
Volume 20, Issue 7, Jul 1972 Page(s):458 - 471
[AbstractPlus](#) | Full Text: [PDF\(1408 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 12. **Theory and Application of Coupling Between Curved Transmission Lines**
Abouzahra, M.; Lewin, L.;
[Microwave Theory and Techniques, IEEE Transactions on](#)
Volume 82, Issue 11, Nov 1982 Page(s):1988 - 1995
[AbstractPlus](#) | Full Text: [PDF\(960 KB\)](#) IEEE JNL
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- ☐ 13. **Optical control of millimeter-wave propagation in dielectric waveguides**
Chi Lee; Mak, P.; DeFonzo, A.;
[Quantum Electronics, IEEE Journal of](#)
Volume 16, Issue 3, Mar 1980 Page(s):277 - 288
[AbstractPlus](#) | Full Text: [PDF\(3912 KB\)](#) IEEE JNL
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- ☐ 14. **Organic Superconductor and Dielectric Infrared Waveguide, Resonator, and Antenna Model: Organs (Correspondence)**
Okress, E.C.;
[Microwave Theory and Techniques. IEEE Transactions on](#)
Volume 13, Issue 5, Sep 1965 Page(s):706 - 707
[AbstractPlus](#) | Full Text: [PDF\(312 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 15. **Theory and application of radiation boundary operators**
Moore, T.G.; Blaschak, J.G.; Taflove, A.; Kriegsmann, G.A.;
[Antennas and Propagation. IEEE Transactions on](#)
Volume 36, Issue 12, Dec. 1988 Page(s):1797 - 1812
Digital Object Identifier 10.1109/8.14402
[AbstractPlus](#) | Full Text: [PDF\(960 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 16. **New low-loss bend structures for high-density integrated optical switch arrays**
Radcliffe, S.N.; Young, T.P.;
[Selected Areas in Communications. IEEE Journal on](#)
Volume 6, Issue 7, Aug. 1988 Page(s):1169 - 1177
Digital Object Identifier 10.1109/49.7837
[AbstractPlus](#) | Full Text: [PDF\(480 KB\)](#) IEEE JNL
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- ☐ 17. **An analog electronic cochlea**
Lyon, R.F.; Mead, C.;
[Acoustics, Speech, and Signal Processing \[see also IEEE Transactions on Signal Processing\]. IEEE](#)
Volume 36, Issue 7, July 1988 Page(s):1119 - 1134
Digital Object Identifier 10.1109/29.1639
[AbstractPlus](#) | Full Text: [PDF\(1584 KB\)](#) IEEE JNL
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- ☐ 18. **X-SAR specification, design, and performance modelling**
Miller, D.;
[Geoscience and Remote Sensing. IEEE Transactions on](#)
Volume 27, Issue 2, March 1989 Page(s):170 - 176
Digital Object Identifier 10.1109/36.20295
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- ☐ 19. **Comparison between strong coupling theory and experiment for three-arm directional coupl**
Peall, R.G.; Syms, R.R.A.;
[Lightwave Technology. Journal of](#)
Volume 7, Issue 3, March 1989 Page(s):540 - 554
Digital Object Identifier 10.1109/50.16892
[AbstractPlus](#) | Full Text: [PDF\(1204 KB\)](#) IEEE JNL
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- ☐ 20. **Efficient analysis tool for coupled-SAW-resonator filters**
Scholl, G.; Christ, A.; Ruile, W.; Russer, P.H.; Weigel, R.;
[Ultrasonics, Ferroelectrics and Frequency Control. IEEE Transactions on](#)
Volume 38, Issue 3, May 1991 Page(s):243 - 251
Digital Object Identifier 10.1109/58.79609
[AbstractPlus](#) | Full Text: [PDF\(688 KB\)](#) IEEE JNL
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- ☐ 21. **Mode coupling in coaxial waveguides with varying-radius center and outer conductors**

Shafii, J.; Vernon, R.J.;
[Microwave Theory and Techniques, IEEE Transactions on](#)
Volume 43, Issue 3, March 1995 Page(s):582 - 591
Digital Object Identifier 10.1109/22.372104
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- ☐ 22. Progress of high-resolution photon scanning tunnelling microscopy due to a nanometric fibre
Ohtsu, M.;
[Lightwave Technology, Journal of](#)
Volume 13, Issue 7, July 1995 Page(s):1200 - 1221
Digital Object Identifier 10.1109/50.400696
[AbstractPlus](#) | Full Text: [PDF](#)(2168 KB) IEEE JNL
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- ☐ 23. Design methodology and experimental results for new ladder-type SAW resonator coupled f
Hikita, M.; Shibagaki, N.; Sakiyama, K.; Hasegawa, K.;
[Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on](#)
Volume 42, Issue 4, July 1995 Page(s):495 - 508
Digital Object Identifier 10.1109/58.393093
[AbstractPlus](#) | Full Text: [PDF](#)(1068 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 24. Analysis of end-pumped Nd:Ti:LiNbO₃ microchip waveguide Fabry-Perot lasers
Ching-Ting Lee; Lih-Gen Sheu;
[Lightwave Technology, Journal of](#)
Volume 15, Issue 11, Nov. 1997 Page(s):2147 - 2153
Digital Object Identifier 10.1109/50.641536
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(224 KB) IEEE JNL
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- ☐ 25. Analysis of an intermediate-mode-assisted directional coupler using Bloch theory
Kennis, A.M.; Vorobeichik, I.; Moiseyev, N.;
[Quantum Electronics, IEEE Journal of](#)
Volume 36, Issue 5, May 2000 Page(s):563 - 573
Digital Object Identifier 10.1109/3.842098
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 Simons, D.G.; McHugh, R.; Snellen, M.; McCormick, N.H.; Lawson, E.A.;
[Oceanic Engineering, IEEE Journal of](#)
 Volume 26, Issue 3, July 2001 Page(s):308 - 323
 Digital Object Identifier 10.1109/48.946505
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(752 KB\)](#) IEEE JNL
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- ☐ 27. 1-D acoustic cavity in optical fibers using two acoustic Bragg gratings
 Diez, A.; Kakarantzas, G.; Birks, T.A.; Russell, P.St.J.;
[Photonics Technology Letters, IEEE](#)
 Volume 13, Issue 9, Sept. 2001 Page(s):975 - 977
 Digital Object Identifier 10.1109/68.942665
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(44 KB\)](#) IEEE JNL
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- ☐ 28. A fast reduced-order model for the full-wave FEM analysis of lossy inhomogeneous anisotropic
 Bertazzi, F.; Peverini, O.A.; Goano, M.; Ghione, G.; Orta, R.; Tascone, R.;
[Microwave Theory and Techniques, IEEE Transactions on](#)
 Volume 50, Issue 9, Sept. 2002 Page(s):2108 - 2114
 Digital Object Identifier 10.1109/TMTT.2002.802323
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(283 KB\)](#) IEEE JNL
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- ☐ 29. Models and measurements for the transmission of submicron-width waveguide bends defined by
 dimensional photonic crystals
 Benisty, H.; Olivier, S.; Weisbuch, C.; Agio, M.; Kafesaki, M.; Soukoulis, C.M.; Min Qiu, Swillo, M.; I
 Jaskorzynska, B.; Talneau, A.; Moosburger, R.; Kamp, M.; Forchel, A.; Ferrini, R.; Houdre, R.; Oes
[Quantum Electronics, IEEE Journal of](#)
 Volume 38, Issue 7, July 2002 Page(s):770 - 785
 Digital Object Identifier 10.1109/JQE.2002.1017587
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(806 KB\)](#) IEEE JNL
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- ☐ 30. Quantum cascade lasers: ultrahigh-speed operation, optical wireless communication, narrow-band
 Infrared emission
 Capasso, F.; Paiella, R.; Martini, R.; Colombelli, R.; Gmachl, C.; Myers, T.L.; Taubman, M.S.; Willke

C.G.; Unterrainer, K.; Hwang, H.Y.; Sivco, D.L.; Cho, A.Y.; Sergent, A.M.; Liu, H.C.; Whittaker, E.A.
Quantum Electronics, IEEE Journal of
Volume 38, Issue 6, June 2002 Page(s):511 - 532
Digital Object Identifier 10.1109/JQE.2002.1005403
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(609 KB\)](#) IEEE JNL
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- ☐ 31. Generalized digital waveguide networks
Rocchesso, D.; Smith, J.O., III;
Speech and Audio Processing, IEEE Transactions on
Volume 11, Issue 3, May 2003 Page(s):242 - 254
Digital Object Identifier 10.1109/TSA.2003.811541
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(636 KB\)](#) IEEE JNL
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- ☐ 32. Estimating geoacoustic parameters using matched-field inversion methods
Gillard, C.A.; Thomson, D.J.; Heard, G.J.;
Oceanic Engineering, IEEE Journal of
Volume 28, Issue 3, Jul 2003 Page(s):394 - 413
Digital Object Identifier 10.1109/JOE.2003.816678
[AbstractPlus](#) | Full Text: [PDF\(1277 KB\)](#) IEEE JNL
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- ☐ 33. Bayesian geoacoustic inversion for the Inversion Techniques 2001 Workshop
Lapinski, A.-L.S.; Dosso, S.E.;
Oceanic Engineering, IEEE Journal of
Volume 28, Issue 3, Jul 2003 Page(s):380 - 393
Digital Object Identifier 10.1109/JOE.2003.816696
[AbstractPlus](#) | Full Text: [PDF\(1093 KB\)](#) IEEE JNL
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- ☐ 34. Bore reconstruction of tubular ducts from its acoustic input impedance curve
Kausel, W.;
Instrumentation and Measurement, IEEE Transactions on
Volume 53, Issue 4, Aug. 2004 Page(s):1097 - 1105
Digital Object Identifier 10.1109/TIM.2004.831440
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(696 KB\)](#) IEEE JNL
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- ☐ 35. EM scattering from the edge of a semi-infinite planar strip grating using approximate bound
Paolo Nepa; Manara, G.; Armogida, A.;
Antennas and Propagation, IEEE Transactions on
Volume 53, Issue 1, Part 1, Jan. 2005 Page(s):82 - 90
Digital Object Identifier 10.1109/TAP.2004.840523
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(488 KB\)](#) IEEE JNL
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- ☐ 36. Waveguiding structures employing the solid-state magnetoplasma effect for microwave and propagation
Krowne, C.M.;
Microwaves, Antennas and Propagation, IEE Proceedings H
Volume 140, Issue 3, June 1993 Page(s):148 - 165
[AbstractPlus](#) | Full Text: [PDF\(1084 KB\)](#) IEE JNL
- ☐ 37. A SAW duplexer with superior temperature characteristics for US-PCS
Kovacs, G.; Ruile, W.; Jakob, M.; Rosler, U.; Maier, E.; Knauer, U.; Zoul, H.;
Ultrasonics Symposium, 2004 IEEE
Volume 2, 23-27 Aug. 2004 Page(s):974 - 977 Vol.2
Digital Object Identifier 10.1109/ULTSYM.2004.1417923

[AbstractPlus](#) | Full Text: [PDF\(549 KB\)](#) IEEE CNF
[Rights and Permissions](#)



38. Design and optimization of locally resonating sonic crystals

Hirsekorn, M.; Delsanto, P.P.; Batra, N.; Matic, P.;

[Ultrasonics. 2003 IEEE Symposium on](#)

Volume 2, 5-8 Oct. 2003 Page(s):1491 - 1494 Vol.2

Digital Object Identifier 10.1109/ULTSYM.2003.1293188

[AbstractPlus](#) | Full Text: [PDF\(341 KB\)](#) IEEE CNF

[Rights and Permissions](#)



39. Methods for simulating string collisions with rigid spatial obstacles

Krishnaswamy, A.; Smith, J.O.;

[Applications of Signal Processing to Audio and Acoustics. 2003 IEEE Workshop on.](#)

19-22 Oct. 2003 Page(s):233 - 236

[AbstractPlus](#) | Full Text: [PDF\(1456 KB\)](#) IEEE CNF

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40. Bore reconstruction of tubular ducts from its acoustic input impedance curve

Kausel, W.;

[Instrumentation and Measurement Technology Conference. 2003. IMTC '03. Proceedings of the 2003](#)

Volume 2, 20-22 May 2003 Page(s):993 - 998 vol.2

[AbstractPlus](#) | Full Text: [PDF\(494 KB\)](#) IEEE CNF

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<input type="checkbox"/>	L16	L14 and (waveguide? same slope?)	1
<input type="checkbox"/>	L15	L14 and (waveguide? same resistance)	1
<input type="checkbox"/>	L14	L13 and (waveguide? with design\$)	30
<input type="checkbox"/>	L13	L10 and design\$	55
<input type="checkbox"/>	L12	L10 and (design with metric)	1
<input type="checkbox"/>	L11	L10 and polynomial	3
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<input type="checkbox"/>	L8	l5 and polynomial and curve	1
<input type="checkbox"/>	L7	L5 and concatenat\$	2
<input type="checkbox"/>	L6	L5 and (concatenat\$ same section?)	1
<input type="checkbox"/>	L5	L3 and (waveguide? with section?)	30
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<input type="checkbox"/>	L3	L2 and (waveguide? with acoustic)	367
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☐ 1. Document ID: US 20050094836 A1

L1: Entry 1 of 1

File: PGPB

May 5, 2005

PGPUB-DOCUMENT-NUMBER: 20050094836

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050094836 A1

TITLE: Waveguide modeling and design system

PUBLICATION-DATE: May 5, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Manrique, Pedro

Pasadena

CA

US

US-CL-CURRENT: 381/342; 381/337, 381/340

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMIC	Draw D
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Term	Documents
MANRIQUE	77
MANRIQUES	0
WAVEGUIDE?	0
WAVEGUIDEA	1
WAVEGUIDEB	1
WAVEGUIDED	307
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WAVEGUIDEL	1
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☐ 1. Document ID: US 20050094836 A1

L7: Entry 1 of 2

File: PGPB

May 5, 2005

PGPUB-DOCUMENT-NUMBER: 20050094836

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050094836 A1

TITLE: Waveguide modeling and design system

PUBLICATION-DATE: May 5, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Manrique, Pedro	Pasadena	CA	US

US-CL-CURRENT: 381/342; 381/337, 381/340

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Drawn De
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☐ 2. Document ID: US 5917974 A

L7: Entry 2 of 2

File: USPT

Jun 29, 1999

US-PAT-NO: 5917974

DOCUMENT-IDENTIFIER: US 5917974 A

TITLE: Method and apparatus for implementing coupled guiding structures with apodized interaction

DATE-ISSUED: June 29, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tavlykaev; Robert F.	Gainesville	FL		
Ramaswamy; Ramu V.	Gainesville	FL		

US-CL-CURRENT: 385/50; 385/39, 385/45

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Drawn De
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☐ 1. Document ID: US 20050094836 A1

L8: Entry 1 of 1

File: PGPB

May 5, 2005

PGPUB-DOCUMENT-NUMBER: 20050094836

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050094836 A1

TITLE: Waveguide modeling and design system

PUBLICATION-DATE: May 5, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Manrique, Pedro

Pasadena

CA

US

US-CL-CURRENT: 381/342; 381/337, 381/340

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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Term	Documents
POLYNOMIAL	27104
POLYNOMIALS	8278
CURVE	461372
CURVES	246398
(5 AND POLYNOMIAL AND CURVE) . PGPB, USPT.	1
(L5 AND POLYNOMIAL AND CURVE) . PGPB, USPT.	1

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☐ 1. Document ID: US 20050111673 A1

L9: Entry 1 of 1

File: PGPB

May 26, 2005

PGPUB-DOCUMENT-NUMBER: 20050111673

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050111673 A1

TITLE: Baffle vibration reducing

PUBLICATION-DATE: May 26, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Rosen, Michael D.	Framingham	MA	US
Link, Christopher J.	Arlington	MA	US
Little, Richard Warren	Franklin	MA	US
Munro, Andrew D.	Arlington	MA	US
Greenberger, Hal P.	Milford	MA	US

US-CL-CURRENT: 381/89

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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Term	Documents
ACOUSTIC	114918
ACOUSTICS	11591
WAVEGUIDE?	0
WAVEGUIDEA	2
WAVEGUIDEB	1
WAVEGUIDED	590
WAVEGUIDEK	2
WAVEGUIDEL	2
WAVEGUIDER	3
WAVEGUIDES	31557

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☐ 1. Document ID: US 20050094836 A1

L11: Entry 1 of 3

File: PGPB

May 5, 2005

PGPUB-DOCUMENT-NUMBER: 20050094836

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050094836 A1

TITLE: Waveguide modeling and design system

PUBLICATION-DATE: May 5, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Manrique, Pedro	Pasadena	CA	US

US-CL-CURRENT: [381/342](#); [381/337](#), [381/340](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Dg
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☐ 2. Document ID: US 20040034514 A1

L11: Entry 2 of 3

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040034514

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040034514 A1

TITLE: Method for assembling the finite element discretization of arbitrary weak equations involving local or non-local multiphysics couplings

PUBLICATION-DATE: February 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Langemyr, Lars	Stockholm	MA	SE
Bertilsson, Daniel	Sollentuna		SE
Nordmark, Arne	Stockholm		SE
Persson, Per-Olof	Cambridge		US
Long, Jerome	Middx		GB

US-CL-CURRENT: [703/2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Da
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☐ 3. Document ID: US 20030105614 A1

L11: Entry 3 of 3

File: PGPB

Jun 5, 2003

PGPUB-DOCUMENT-NUMBER: 20030105614

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030105614 A1

TITLE: Method for assembling the finite element discretization of arbitrary weak equations, involving local or non-local multiphysics couplings

PUBLICATION-DATE: June 5, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Langemyr, Lars	Stockholm	MA	SE
Bertilsson, Daniel	Sollentuna		SE
Nordmark, Arne	Stockholm		SE
Persson, Per-Olof	Cambridge		US
Long, Jerome	Middlesex		GB

US-CL-CURRENT: 703/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Da
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Term	Documents
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POLYNOMIALS	8278
(10 AND POLYNOMIAL).PGPB,USPT.	3
(L10 AND POLYNOMIAL).PGPB,USPT.	3

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☐ 1. Document ID: US 20050094836 A1

L17: Entry 1 of 17

File: PGPB

May 5, 2005

PGPUB-DOCUMENT-NUMBER: 20050094836

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050094836 A1

TITLE: Waveguide modeling and design system

PUBLICATION-DATE: May 5, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Manrique, Pedro	Pasadena	CA	US

US-CL-CURRENT: 381/342; 381/337, 381/340

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn De
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☐ 2. Document ID: US 6522794 B1

L17: Entry 2 of 17

File: USPT

Feb 18, 2003

US-PAT-NO: 6522794

DOCUMENT-IDENTIFIER: US 6522794 B1

TITLE: Display panel with electrically-controlled waveguide-routing

DATE-ISSUED: February 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bischel; William K.	Menlo Park	CA		
Brinkman; Michael J.	Redwood City	CA		
Deacon; David A. G.	Los Altos	CA		
DeWath; Edward J.	Cupertino	CA		
Dyer; Mark J.	San Jose	CA		
Field; Simon J.	Menlo Park	CA		

US-CL-CURRENT: 385/4; 385/10, 385/12, 385/130, 385/131, 385/14, 385/15, 385/16,
385/17, 385/37, 385/40, 385/8, 385/901, 436/518, 436/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 3. Document ID: US RE37809 E

L17: Entry 3 of 17

File: USPT

Jul 30, 2002

US-PAT-NO: RE37809

DOCUMENT-IDENTIFIER: US RE37809 E

TITLE: Laser with electrically-controlled grating reflector

DATE-ISSUED: July 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Deacon; David A. G.	Los Altos	CA		
Field; Simon J.	Palo Alto	CA		
Brinkman; Michael J.	Redwood City	CA		
Bischel; William K.	Menlo Park	CA		

US-CL-CURRENT: 372/102

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 4. Document ID: US 6167169 A

L17: Entry 4 of 17

File: USPT

Dec 26, 2000

US-PAT-NO: 6167169

DOCUMENT-IDENTIFIER: US 6167169 A

TITLE: Scanning method and architecture for display

DATE-ISSUED: December 26, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brinkman; Michael J.	Redwood City	CA		
Bischel; William K.	Menlo Park	CA		

US-CL-CURRENT: 385/4, 385/10, 385/130, 385/131, 385/14, 385/15, 385/16, 385/17,
385/2, 385/37, 385/40, 385/8, 385/901

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 5. Document ID: US 6151429 A

L17: Entry 5 of 17

File: USPT

Nov 21, 2000

US-PAT-NO: 6151429
DOCUMENT-IDENTIFIER: US 6151429 A

TITLE: Polarisation asymmetric active optical waveguide, method of its production, and its uses

DATE-ISSUED: November 21, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kristensen; Martin	Lyngby			DK
Hubner; Jorg	Lyngby			DK
Varming; Poul	Copenhagen			DK
Sejka; Milan	Ottawa			CA
Palsdottir; Bera	Copenhagen			DK

US-CL-CURRENT: [385/11](#); [385/126](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 6141465 A

L17: Entry 6 of 17

File: USPT

Oct 31, 2000

US-PAT-NO: 6141465
DOCUMENT-IDENTIFIER: US 6141465 A

TITLE: Display architecture with waveguide routing and out-plane emission

DATE-ISSUED: October 31, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bischel; William K.	Menlo Park	CA		
Brinkman; Michael J.	Redwood City	CA		
Deacon; David A. G.	Los Altos	CA		
De Wath; Edward J.	Cupertino	CA		
Dyer; Mark J.	San Jose	CA		
Field; Simon J.	Menlo Park	CA		

US-CL-CURRENT: [385/4](#); [385/10](#), [385/130](#), [385/131](#), [385/14](#), [385/15](#), [385/16](#), [385/17](#),
[385/2](#), [385/37](#), [385/40](#), [385/8](#), [385/901](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 7. Document ID: US 6118908 A

L17: Entry 7 of 17

File: USPT

Sep 12, 2000

US-PAT-NO: 6118908

DOCUMENT-IDENTIFIER: US 6118908 A

TITLE: Integrated optical device with phosphor in substrate pit

DATE-ISSUED: September 12, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bischel; William K.	Menlo Park	CA		
Brinkman; Michael J.	Redwood City	CA		
Deacon; David A. G.	Los Altos	CA		
DeWath; Edward J.	Cupertino	CA		
Dyer; Mark J.	San Jose	CA		
Field; Simon J.	Menlo Park	CA		

US-CL-CURRENT: [385/14](#); [385/130](#), [385/131](#), [385/132](#), [385/147](#), [385/18](#), [385/39](#), [385/50](#),
[385/901](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. D
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☐ 8. Document ID: US 6078704 A

L17: Entry 8 of 17

File: USPT

Jun 20, 2000

US-PAT-NO: 6078704

DOCUMENT-IDENTIFIER: US 6078704 A

**** See image for Certificate of Correction ****

TITLE: Method for operating a display panel with electrically-controlled waveguide-routing

DATE-ISSUED: June 20, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bischel; William K.	Menlo Park	CA		
Brinkman; Michael J.	Redwood City	CA		
Deacon; David A. G.	Los Altos	CA		
DeWath; Edward J.	Cupertino	CA		
Dyer; Mark J.	San Jose	CA		
Field; Simon J.	Menlo Park	CA		

US-CL-CURRENT: [385/4](#); [385/10](#), [385/130](#), [385/131](#), [385/14](#), [385/15](#), [385/16](#), [385/17](#),
[385/2](#), [385/37](#), [385/40](#), [385/8](#), [385/901](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. D
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☐ 9. Document ID: US 5978524 A

L17: Entry 9 of 17

File: USPT

Nov 2, 1999

US-PAT-NO: 5978524

DOCUMENT-IDENTIFIER: US 5978524 A

**** See image for Certificate of Correction ****

TITLE: Phosphor RE-radiation in integrated optics

DATE-ISSUED: November 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bischel; William K.	Menlo Park	CA		
Brinkman; Michael J.	Redwood City	CA		
Deacon; David A. G.	Los Altos	CA		
DeWath; Edward J.	Cupertino	CA		
Dyer; Mark J.	San Jose	CA		
Field; Simon J.	Menlo Park	CA		

US-CL-CURRENT: 385/4; 385/10, 385/130, 385/131, 385/14, 385/15, 385/16, 385/17,
385/2, 385/37, 385/40, 385/8, 385/901

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 10. Document ID: US 5912997 A

L17: Entry 10 of 17

File: USPT

Jun 15, 1999

US-PAT-NO: 5912997

DOCUMENT-IDENTIFIER: US 5912997 A

TITLE: Frequency converter optical source for switched waveguide

DATE-ISSUED: June 15, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bischel; William K.	Menlo Park	CA		
Brinkman; Michael J.	Redwood City	CA		
Deacon; David A.G.	Los Altos	CA		
DeWath; Edward J.	Cupertino	CA		
Dyer; Mark J.	San Jose	CA		
Field; Simon J.	Menlo Park	CA		

US-CL-CURRENT: 385/15; 385/10, 385/16, 385/17, 385/18, 385/37, 385/40, 385/8,
385/901

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 11. Document ID: US 5911018 A

L17: Entry 11 of 17

File: USPT

Jun 8, 1999

US-PAT-NO: 5911018
DOCUMENT-IDENTIFIER: US 5911018 A

TITLE: Low loss optical switch with inducible refractive index boundary and spaced output target

DATE-ISSUED: June 8, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bischel; William K.	Menlo Park	CA		
Brinkman; Michael J.	Redwood City	CA		
Deacon; David A.G.	Los Altos	CA		
DeWath; Edward J.	Cupertino	CA		
Dyer; Mark J.	San Jose	CA		
Field; Simon J.	Menlo Park	CA		

US-CL-CURRENT: [385/16](#); [385/11](#), [385/131](#), [385/132](#), [385/14](#), [385/15](#), [385/18](#), [385/40](#),
[385/45](#), [385/8](#), [385/9](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 12. Document ID: US 5835458 A

L17: Entry 12 of 17

File: USPT

Nov 10, 1998

US-PAT-NO: 5835458
DOCUMENT-IDENTIFIER: US 5835458 A

TITLE: Solid state optical data reader using an electric field for routing control

DATE-ISSUED: November 10, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bischel; William K.	Menlo Park	CA		
Deacon; David A. G.	Los Altos	CA		
Brinkman; Michael J.	Redwood City	CA		
Field; Simon J.	Menlo Park	CA		
DeWath; Edward J.	Cupertino	CA		
Dyer; Mark J.	San Jose	CA		

US-CL-CURRENT: [369/44.12](#); [369/112.27](#), [369/112.29](#), [369/44.23](#), [369/44.28](#), [369/44.29](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 13. Document ID: US 5724463 A

L17: Entry 13 of 17

File: USPT

Mar 3, 1998

US-PAT-NO: 5724463
DOCUMENT-IDENTIFIER: US 5724463 A

TITLE: Projection display with electrically controlled waveguide-routing

DATE-ISSUED: March 3, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Deacon; David A. G.	Los Altos	CA		
Bischel; William K.	Menlo Park	CA		
Brinkman; Michael J.	Redwood City	CA		
DeWath; Edward J.	Cupertino	CA		
Dryer; Mark J.	San Jose	CA		
Field; Simon J.	Menlo Park	CA		

US-CL-CURRENT: 385/27; 385/10, 385/18, 385/47, 385/9, 385/901

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 14. Document ID: US 5664032 A

L17: Entry 14 of 17

File: USPT

Sep 2, 1997

US-PAT-NO: 5664032
DOCUMENT-IDENTIFIER: US 5664032 A

TITLE: Display panel with electrically-controlled waveguide-routing

DATE-ISSUED: September 2, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bischel; William K.	Menlo Park	CA		
Brinkman; Michael J.	Redwood City	CA		
Deacon; David A. G.	Los Altos	CA		
DeWath; Edward J.	Cupertino	CA		
Dyer; Mark J.	San Jose	CA		
Field; Simon J.	Menlo Park	CA		

US-CL-CURRENT: 385/4; 385/10, 385/130, 385/131, 385/14, 385/15, 385/16, 385/17,
385/2, 385/37, 385/40, 385/8, 385/901

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 15. Document ID: US 5647036 A

L17: Entry 15 of 17

File: USPT

Jul 8, 1997

US-PAT-NO: 5647036
DOCUMENT-IDENTIFIER: US 5647036 A

TITLE: Projection display with electrically-controlled waveguide routing

DATE-ISSUED: July 8, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Deacon; David A. G.	Los Altos	CA		
Bischel; William K.	Menlo Park	CA		
Brinkman; Michael J.	Redwood City	CA		
DeWath; Edward J.	Cupertino	CA		
Dryer; Mark J.	San Jose	CA		
Field; Simon J.	Menlo Park	CA		

US-CL-CURRENT: 385/27; 385/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 16. Document ID: US 5544268 A

L17: Entry 16 of 17

File: USPT

Aug 6, 1996

US-PAT-NO: 5544268
DOCUMENT-IDENTIFIER: US 5544268 A

TITLE: Display panel with electrically-controlled waveguide-routing

DATE-ISSUED: August 6, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bischel; William K.	Menlo Park	CA		
Brinkman; Michael J.	Redwood City	CA		
Deacon; David A. G.	Los Altos	CA		
DeWath; Edward J.	Cupertino	CA		
Dyer; Mark J.	San Jose	CA		
Field; Simon J.	Menlo Park	CA		

US-CL-CURRENT: 385/4; 385/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 17. Document ID: US 5504772 A

L17: Entry 17 of 17

File: USPT

Apr 2, 1996

US-PAT-NO: 5504772

DOCUMENT-IDENTIFIER: US 5504772 A

TITLE: Laser with electrically-controlled grating reflector

DATE-ISSUED: April 2, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Deacon; David A. G.	Los Altos	CA		
Field; Simon J.	Menlo Park	CA		
Brinkman; Michael J.	Redwood City	CA		
Bischel; William K.	Menlo Park	CA		

US-CL-CURRENT: 372/102